

OBJECTIVE



At the completion of this lesson you (the student) will

read and Interpret TMs, FMs, and LOs to include the

function of gauges, controls, and instruments as indicated

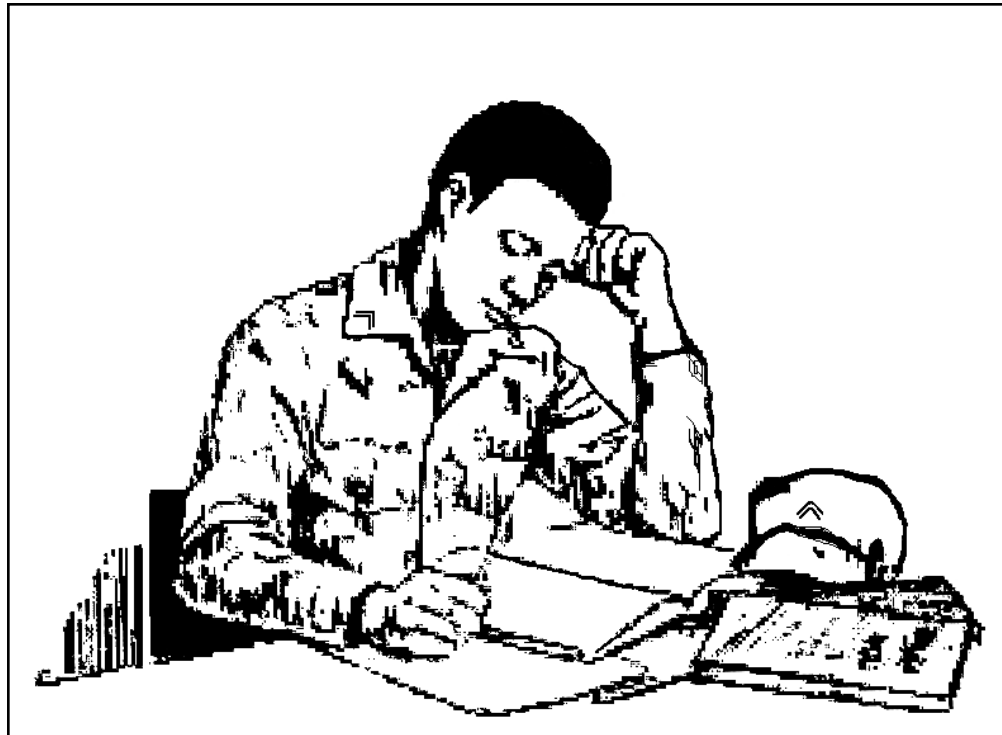
in the manuals. In a classroom environment, given a TM,

FM, and LO. You must demonstrate your ability to read

and interpret the numbering system used to identify TMs,



INTERPRETING TECHNICAL MANUALS (TMs) AND MANUALS (FMs) LUBRICATION ORDERS (L)



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PUBLICATION NUMBERING SYSTEM

TM 9-2320-

273-10

TECHNICAL MANUAL

ORIGINATING PROPONENT

WHEELED VEHICLE

SPECIFIC VEHICLE TYPE

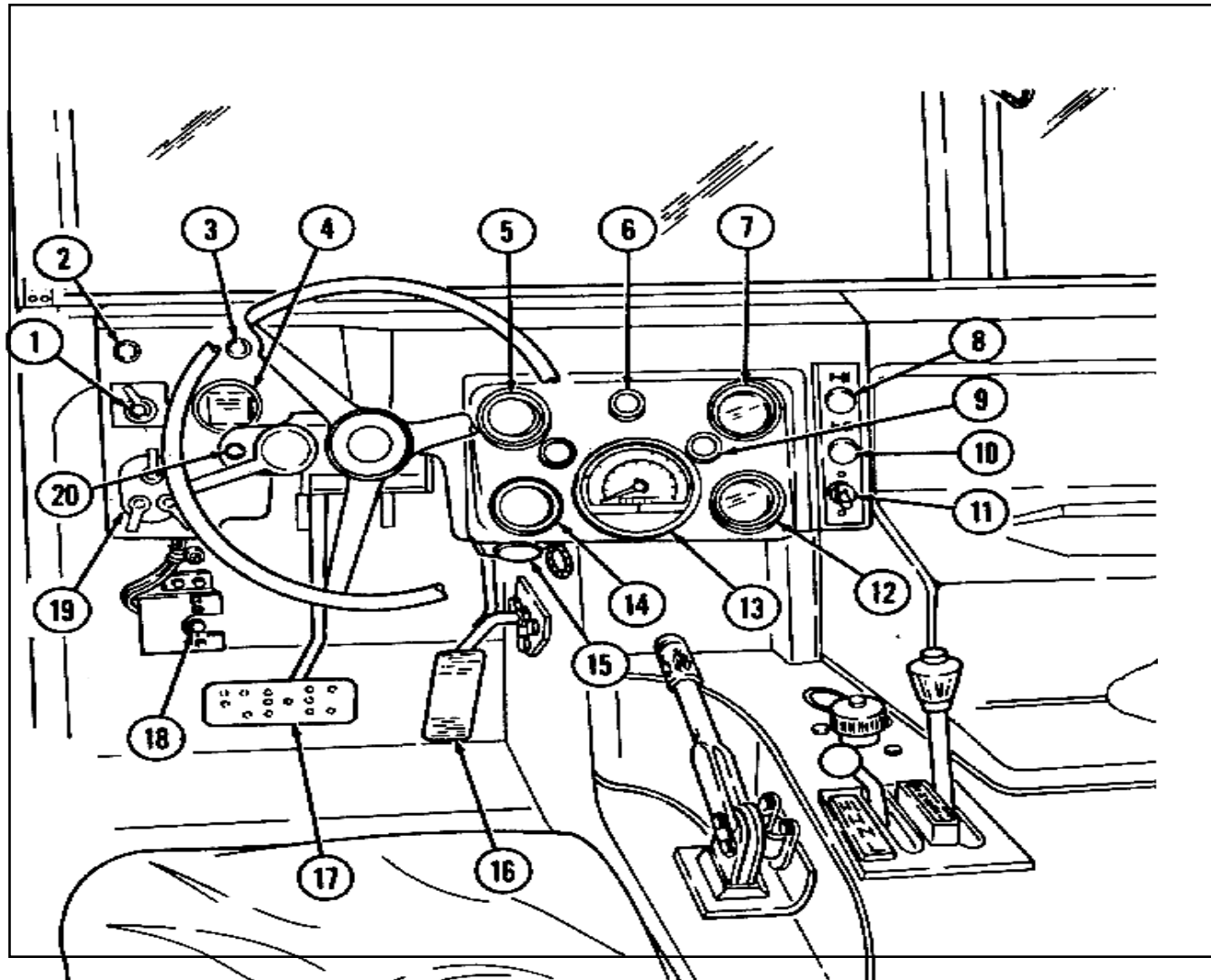
LEVEL (OPERATOR)

LO = LUBRICATION ORDER

-12 = LEVEL (OPERATOR)

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VEHICLE GAUGES, CONTROLS AND INSTRUMENT





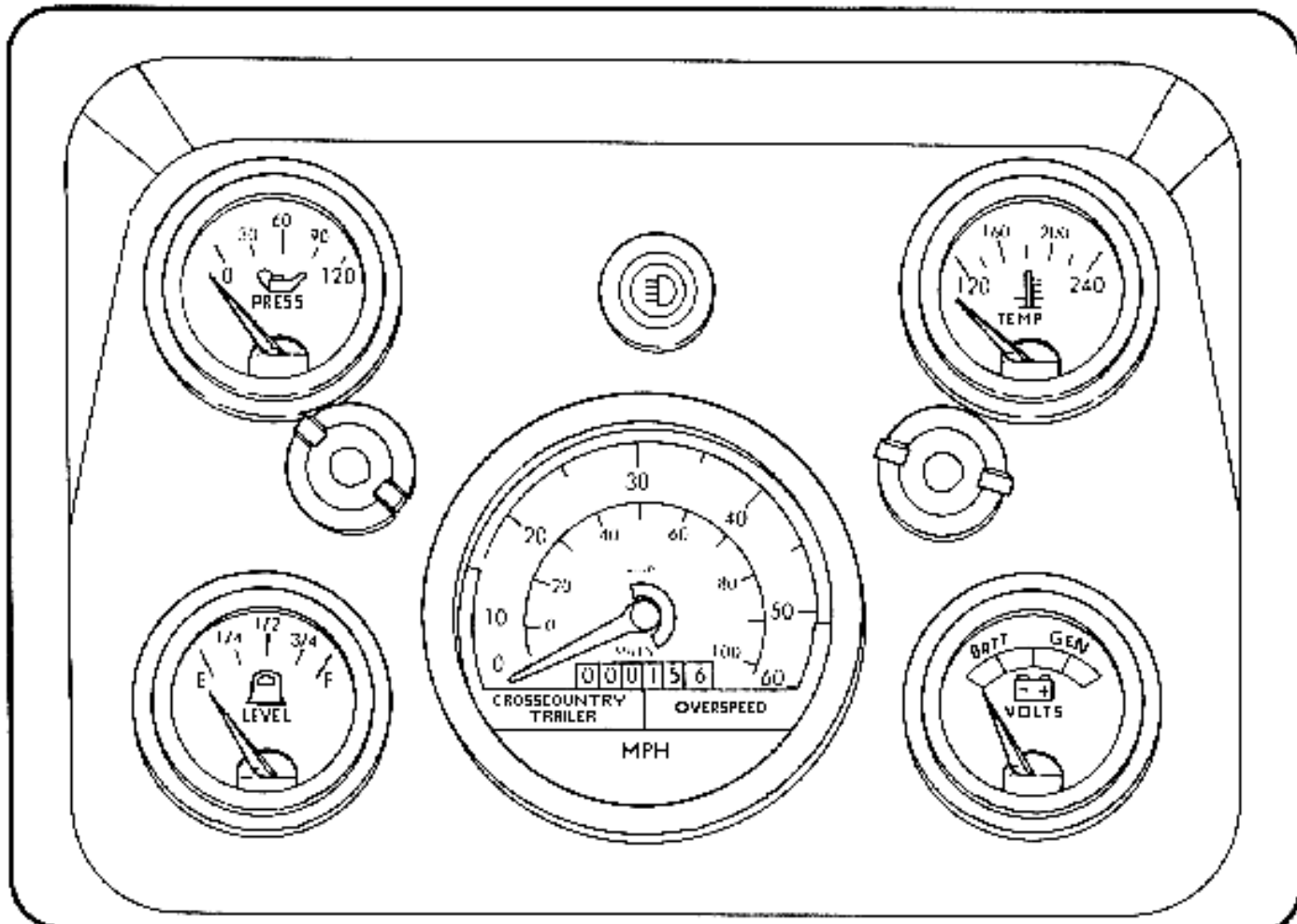
FIELD MANUALS -PREFACE-

- This manual covers the general principles of vehicle operation and special instructions for vehicle operation.
- Its a guide for normal everyday operations as driving under difficult conditions.
- When more information is needed for a specific check technical manual written for that vehicle.
- Responsible Proponent

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STRUMENT CLUSTER GAUGES, AND INSTRUMENTS





CAUTION

CLASS I - Seepage of fluid (as indicated by wetness or discoloration) not great enough to form drops.

CLASS II - Leakage of fluid great enough to form a film but not enough to cause drops to drip from item checked/inspected.

CLASS III - Leakage of fluid great enough to form drops that fall from the item being checked/inspected



CAUTION

Equipment operation is allowable with minor leakage.

Consideration must be given to the fluid capacity in the system being checked/inspected. When in doubt, notify your supervisor.

When operating with Class I or II leaks, continue to operate at normal levels as required in your PMCS.

Class III leaks should be reported to supervisor or to maintenance.



OPERATION UNDER USUAL CONDITION

This section provides instructions for vehicle operation under moderate temperature, humidity, and terrain conditions.

Subjects are broken into the following areas:

General

- **Break-in service**
- **Starting the engine**
- **Placing vehicle in motion**
- **Stopping the vehicle and engine**
- **Operation of vehicle light switch**
- **Adjusting driver's seat**



OPERATION UNDER UNUSUAL CONDITIONS

Special instructions for operating and maintaining vehicle conditions are included in this section. Unusual conditions include temperatures, humidity, and/or terrain. Special care and lubrication must be taken in order to keep vehicles operating under unusual conditions.

Subject are broken down into the following areas:

Special instructions

- **Operating on unusual terrain**
- **Cold weather starting below +32° F (0° C)**
- **Operating in extreme cold, ice, or snow**
- **Operating in dusty, sandy areas**
- **Operating in mud**
- **Operating in extreme heat**

